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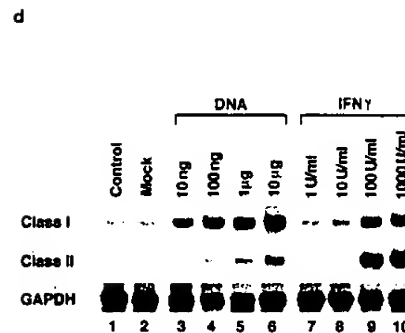
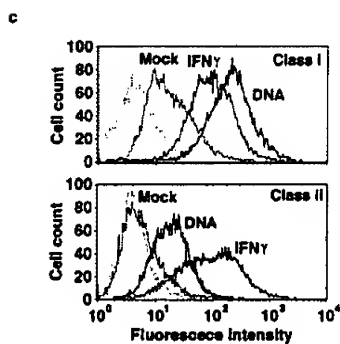
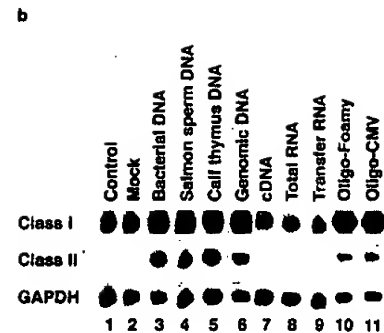
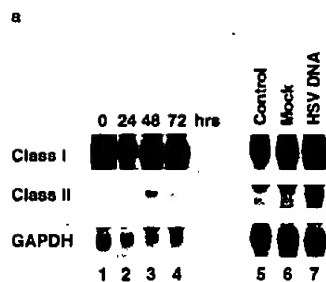
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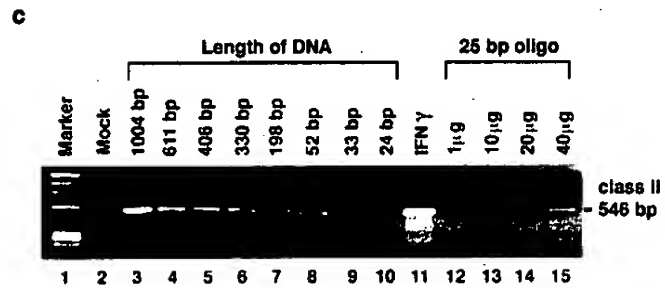
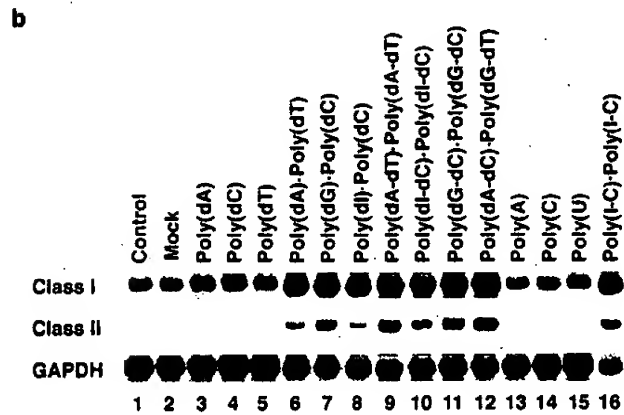
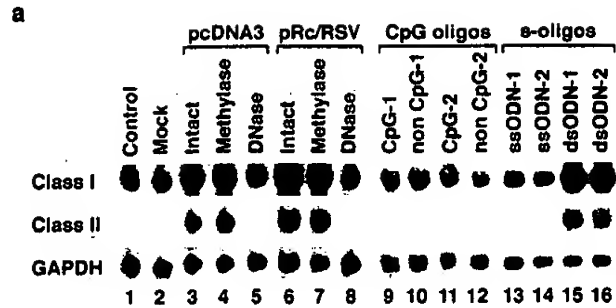
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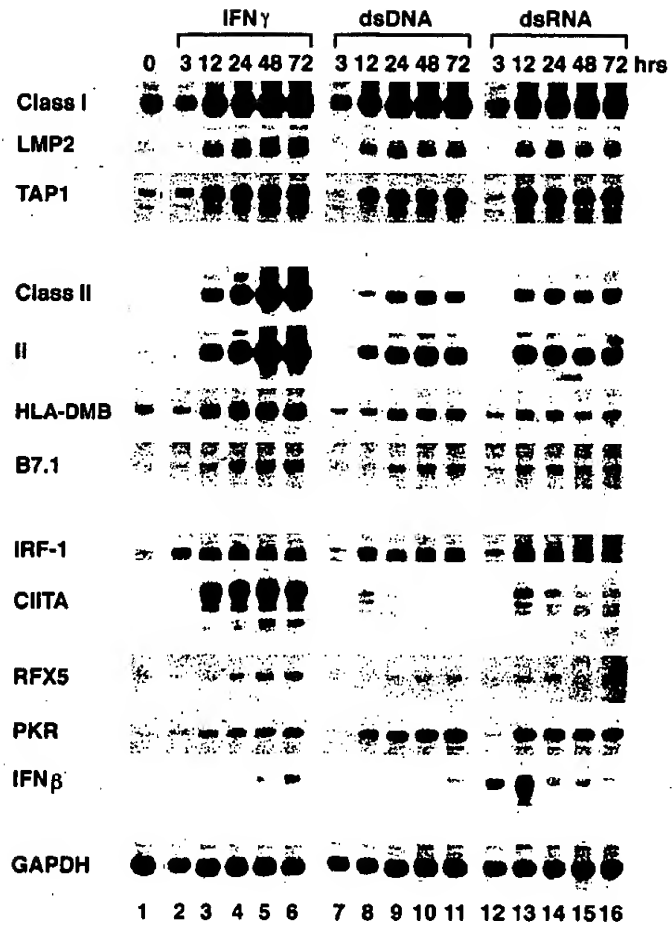
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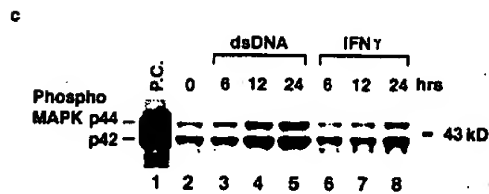
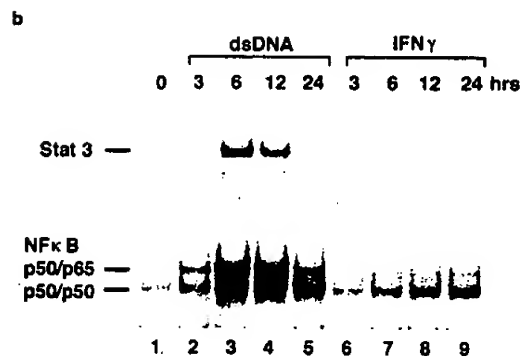
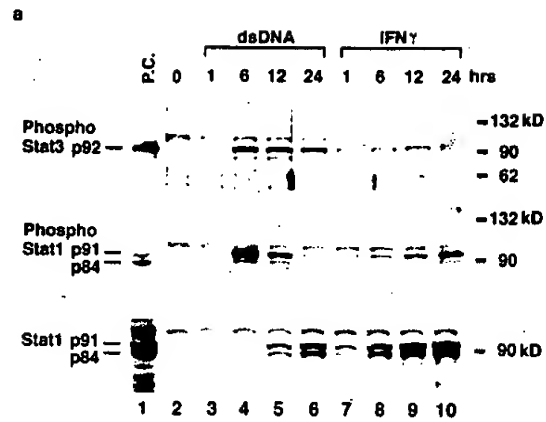
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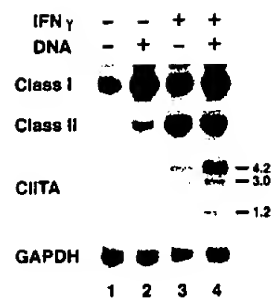




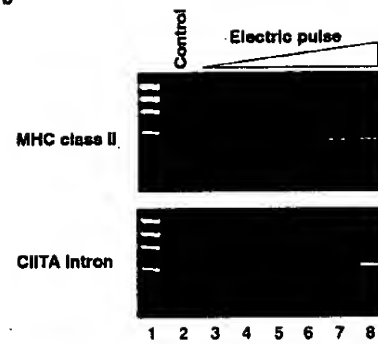




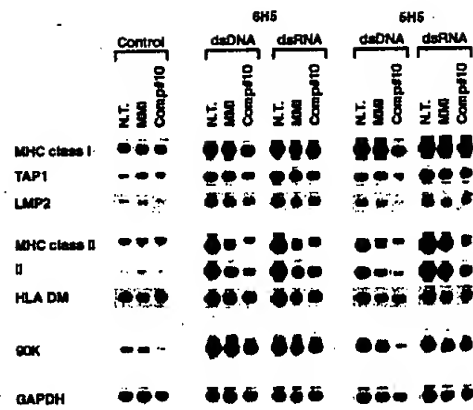
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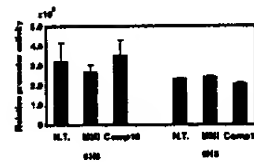
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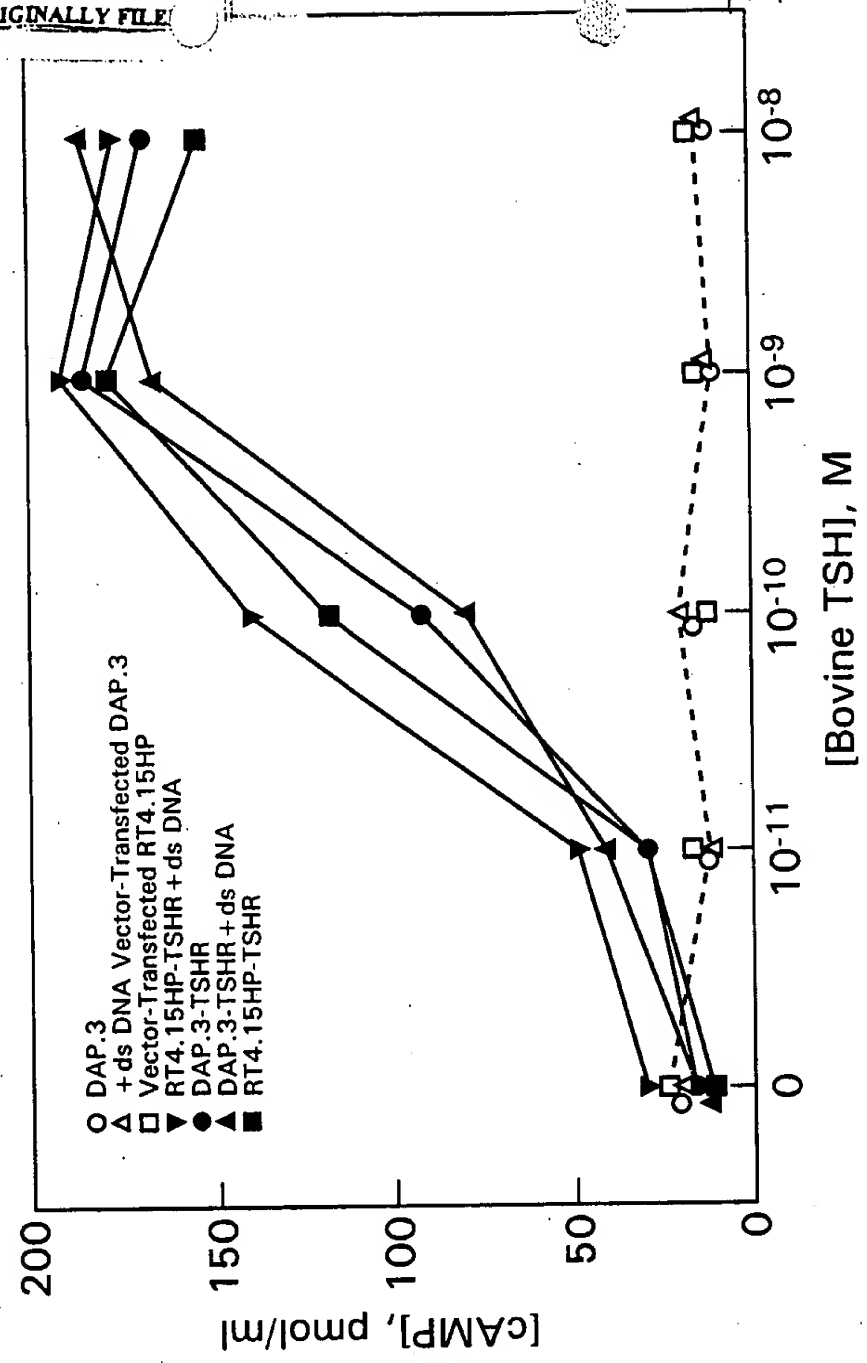
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b



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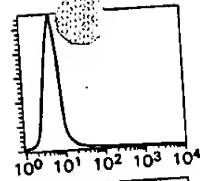
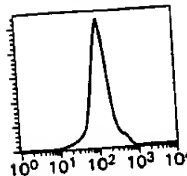
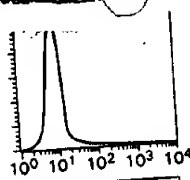


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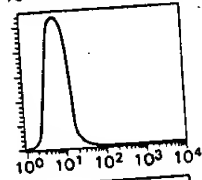
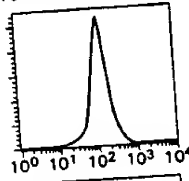
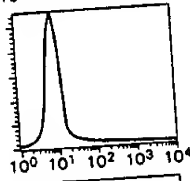
Class I

Class II

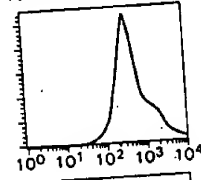
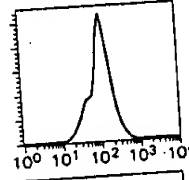
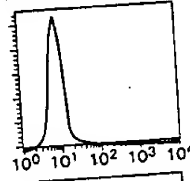
Control
DAP.3



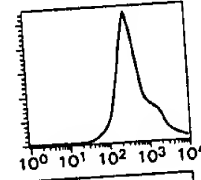
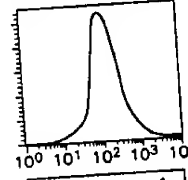
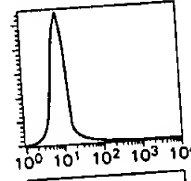
hTSHR
DAP.3



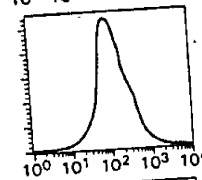
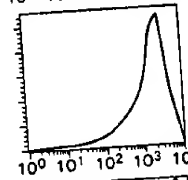
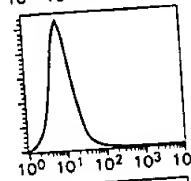
RT4.15HP



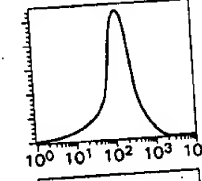
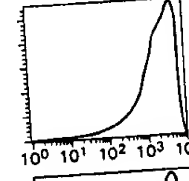
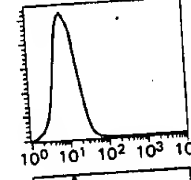
hTSHR
Transfected
RT4.15HP



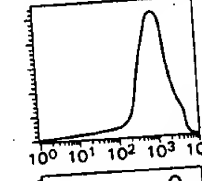
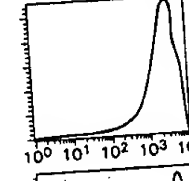
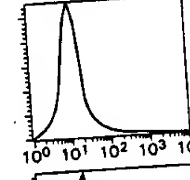
dsDNA
Transfected
DAP.3



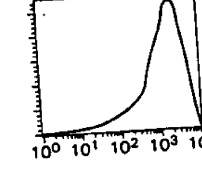
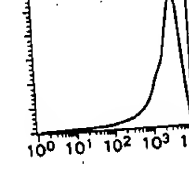
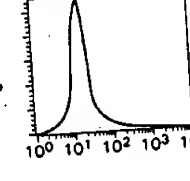
dsDNA
Transfected
hTSHR DAP.3



dsDNA
Transfected
RT4.15HP



dsDNA
Transfected
hTSHR-RT4.15HP



ds DNA

-

+

MHC Class I



TAP1



LMP2



MHC Class II



Ii



HLA DM



90K



GAPDH



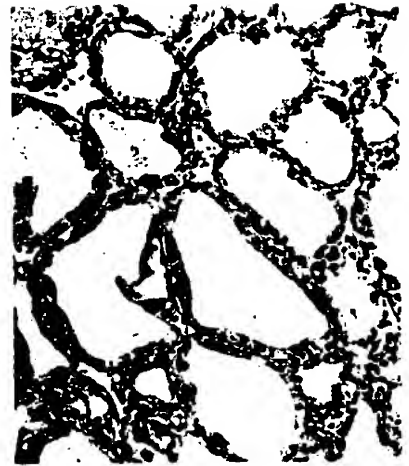
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10.0

Mice Immunized with
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hTSHR DAP.3 Cells

A.



B.



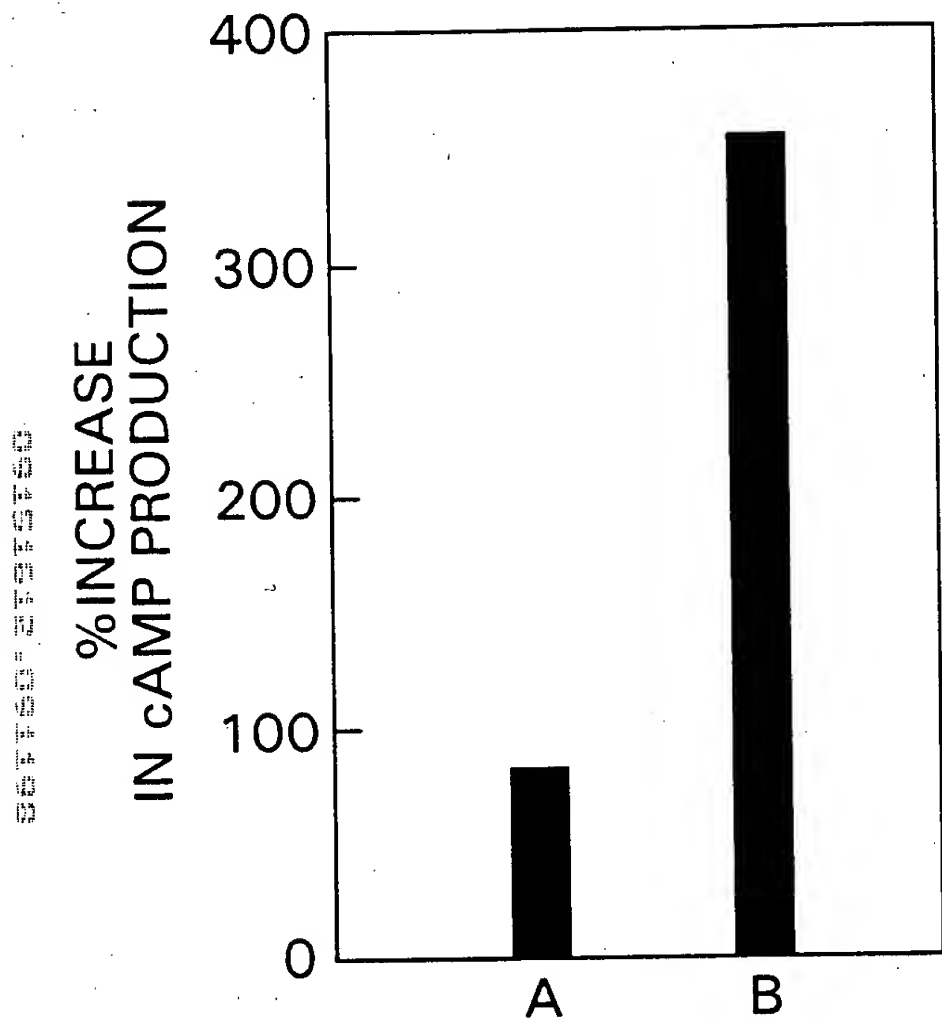
C.



D.



Mice Immunized with
hTSHR DAP.3 Cells



PRINT OF DRAWINGS
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h90K	mama	N S S K S T S S F P C P A G A F N G F R T V I R P F Y L T N S S G V D	585
h90K	mama	N S S K S T S L F P C A S G A F S S F R V I R P F Y L T N S T D W	574
h90K	mama	N S S K T P S L F P C A S G A F S S F R V I R P F Y L T N S T D W	577

Year	Age	Sex	Height (cm)	Weight (kg)	Body Mass Index (kg/m ²)	Waist Circumference (cm)	Hip Circumference (cm)	Waist-Hip Ratio	Trunk Fat (%)	Visceral Fat (cm ³)	Subcutaneous Fat (cm ³)	Visceral Fat Index (cm ³ /m ²)	Subcutaneous Fat Index (cm ³ /m ²)	Visceral Fat to Subcutaneous Fat Ratio
1990	20	M	170	65	22.0	85	95	0.89	15	100	200	0.50	0.50	1.00
1995	25	M	175	75	24.5	90	100	0.90	18	120	220	0.59	0.55	1.07
2000	30	M	180	85	26.2	95	105	0.90	20	140	240	0.69	0.60	1.15
2005	35	M	185	95	27.8	100	110	0.91	22	160	260	0.78	0.65	1.20
2010	40	M	190	105	29.4	105	115	0.91	25	180	280	0.89	0.70	1.27
2015	45	M	195	115	30.3	110	120	0.92	28	200	300	1.00	0.75	1.33
2020	50	M	200	125	31.2	115	125	0.92	30	220	320	1.11	0.80	1.39
2025	55	M	205	135	32.2	120	130	0.93	32	240	340	1.22	0.85	1.44
2030	60	M	210	145	33.3	125	135	0.93	35	260	360	1.33	0.90	1.48
2035	65	M	215	155	34.4	130	140	0.93	38	280	380	1.44	0.95	1.52
2040	70	M	220	165	35.5	135	145	0.93	40	300	400	1.56	1.00	1.56
2045	75	M	225	175	36.6	140	150	0.93	42	320	420	1.67	1.05	1.60
2050	80	M	230	185	37.7	145	155	0.93	45	340	440	1.78	1.10	1.62
2055	85	M	235	195	38.8	150	160	0.93	48	360	460	1.89	1.15	1.64
2060	90	M	240	205	39.9	155	165	0.93	50	380	480	2.00	1.20	1.67
2065	95	M	245	215	41.0	160	170	0.93	52	400	500	2.11	1.25	1.69
2070	100	M	250	225	42.2	165	175	0.93	55	420	520	2.22	1.30	1.71
2075	105	M	255	235	43.3	170	180	0.93	58	440	540	2.33	1.35	1.73
2080	110	M	260	245	44.4	175	185	0.93	60	460	560	2.44	1.40	1.75
2085	115	M	265	255	45.5	180	190	0.93	62	480	580	2.56	1.45	1.77
2090	120	M	270	265	46.6	185	195	0.93	65	500	600	2.67	1.50	1.78
2095	125	M	275	275	47.7	190	200	0.93	68	520	620	2.78	1.55	1.80
2100	130	M	280	285	48.8	195	205	0.93	70	540	640	2.89	1.60	1.81
2105	135	M	285	295	49.9	200	210	0.93	72	560	660	3.00	1.65	1.82
2110	140	M	290	305	51.0	205	215	0.93	75	580	680	3.11	1.70	1.83
2115	145	M	295	315	52.2	210	220	0.93	78	600	700	3.22	1.75	1.84
2120	150	M	300	325	53.3	215	225	0.93	80	620	720	3.33	1.80	1.85

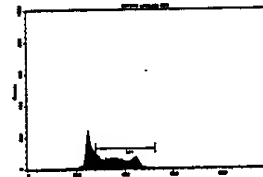
(%S+G2/M phase)

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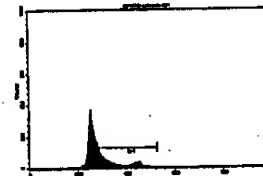
Control
(22.4%)



MMI
(58.3%)



MMI
+dsDNA
(35.6%)

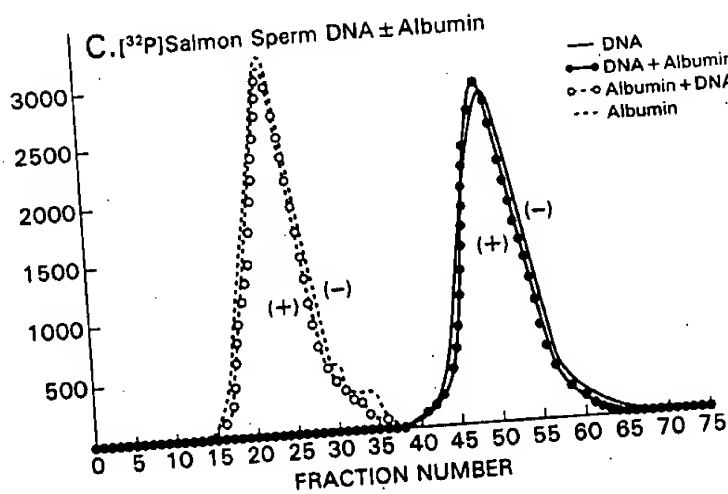
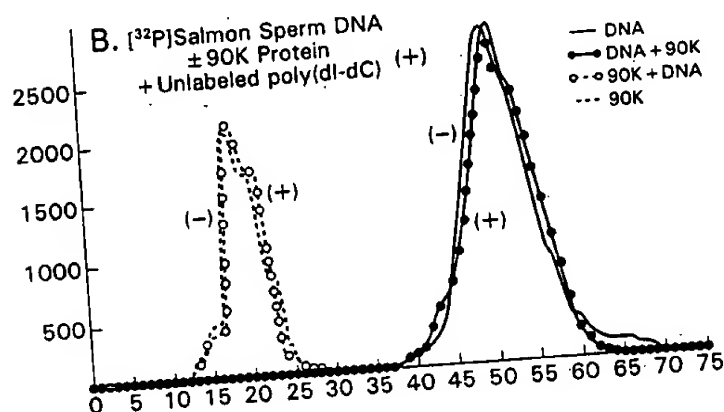
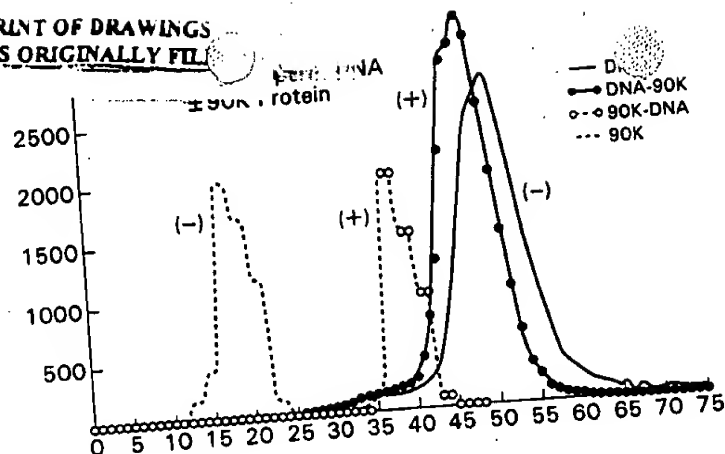


MMI
+dsRNA
(2.04%)



PRINT OF DRAWINGS
AS ORIGINALLY FILM

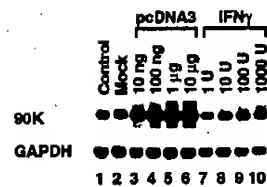
PROTEIN MEASURED BY ECL BLOT WITH ANTIBODY (CPM)



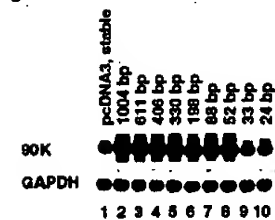
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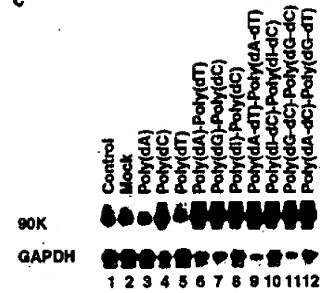
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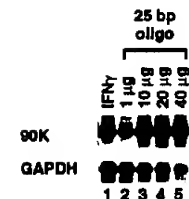
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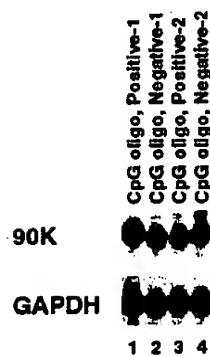


D

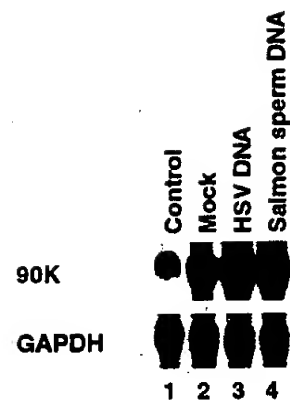


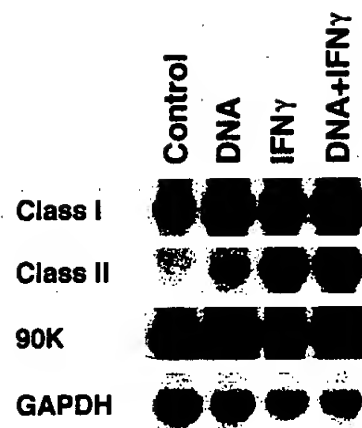
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A



B





SEP 20 2000

